

WE CLAIM:

1. A method for creating a web page adapted to automatically reload selected frames of the web page in response to a trigger event, the method comprising:
5 defining a target frame for the web page to serve as a work area;
associating an action with the trigger event, the action having the target frame as a target; and
associating programmed logic with the action, the programmed logic being adapted to reload only the selected frames, regardless of a membership of
10 the selected frames in framesets used to create the web page.
2. A method as claimed in claim 1 wherein defining the target frame comprises defining a named frame with a static source in a frameset of the web page.
3. A method as claimed in claim 2 wherein defining the named frame comprises defining the target frame as a frame having a null dimension.
- 15 4. A method as claimed in claim 3 wherein defining the named frame comprises defining a frame of 0 rows and 0 columns at an edge of the web page.
5. A method as claimed in claim 3 wherein defining the frame further comprises using a first frameset tag in the web page to partition the web page into a main frameset comprising a plurality of frames, and the target frame having the null
20 dimension.
6. A method as claimed in claim 1 further comprising associating the action with programmed logic for reloading only the selected frames of the web page in dependence on a predefined set of conditions.

7. A method as claimed in claim 1 further comprising accessing server-side functions in dependence on a predefined set of conditions.

8. A method as claimed in claim 7 further comprising providing a link to a dynamic uniform resource locator.

5 9. A method as claimed in claim 8 wherein providing the link comprises providing a dynamic server page link.

10. A web page having a plurality of frames, comprising:
a target frame; and
a script associated with the target frame and adapted to reload only selected
10 frames of any frameset used to create the web page.

11. A web page as claimed in claim 10 wherein the target frame is a member of a frameset having a static source.

12. A web page as claimed in claim 10 wherein the target frame is a frame with null dimensions.

15 13. A web page as claimed in claim 12 wherein the target frame is defined by a frameset tag that provides a main frameset and the target frame has 0 columns and 0 rows.

20 14. A web page as claimed in claim 13 wherein the trigger comprises one of a link and a form that has the script as an action attribute and the target frame as a target attribute.

15. A web page as claimed in claim 14 wherein the action attribute comprises a uniform resource locator (url) of a dynamic web page that includes the script and effects the downloading of the dynamic web page to the target frame, and the returned script with rendering information provides a set of instructions that include instructions for reloading only the respective selected frames, regardless of respective membership of the selected frames in framesets of the web page.

16. An article comprising:
a computer readable modulated carrier signal; and
means embedded in the signal for communicating to a client computer a web page as claimed in any of claims 10 to 15.

17. An article comprising a computer readable memory for storing a web page as claimed in any of claims 10 to 15.

18. An article comprising:
a computer readable modulated carrier signal; and
means embedded in the signal for communicating to a client computer, a message containing:
rendering information in response to a request for a server-side processing; and
client side code for reloading only selected frames of a web page, regardless of a frameset which the respective frames are members.

19. An article as claimed in claim 18 wherein the computer rendering information is targeted to a work area frame of null dimension.

20. A computer readable medium for storing program instructions for reloading only selected frames in at least two framesets of a web page, the computer readable medium comprising:

instructions for instantiating a target frame; and

instructions for reloading only the selected frames, the instructions for reloading being initiated by an activation of a trigger associated with the target frame.

21. A computer readable medium as claimed in claim 20 wherein the instructions for instantiating comprise a file written in hypertext markup language (HTML), that comprises a plurality of frameset definitions, including a definition of the target frame.

22. A computer readable medium as claimed in claim 21 wherein the file further comprises an event handling mechanism that associates the trigger with an action that comprises the instructions for reloading.

23. A computer readable medium as claimed in claim 22 wherein the action is an attribute of one of a link and a form, and the event is a corresponding one of a selection of the link, and a submission of the form.

24. A computer readable medium as claimed in claim 23 wherein the one of the link and the form has a target attribute set to the target frame.

25. A computer readable medium as claimed in claim 24 wherein the target frame is a member of a frameset that has a static source.

26. A computer readable medium as claimed in claim 25 wherein the target frame has null dimensions.